



# Pushpanjali

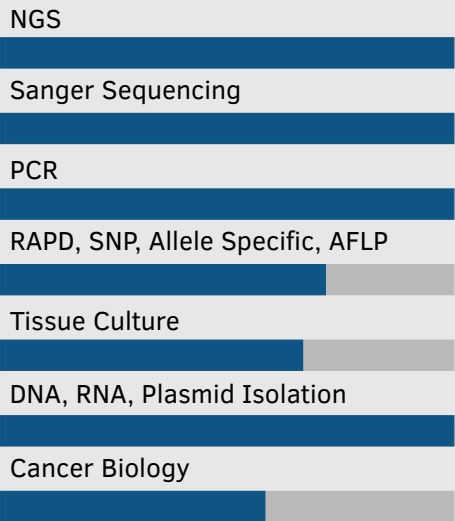
Research Associate  
(Currently on Notice Period)

- Gurgaon, India
- +91-9523911460
- [linkedin.com/in/pushpanjalisingh](https://www.linkedin.com/in/pushpanjalisingh)
- [pushpanjalisingh.nl@gmail.com](mailto:pushpanjalisingh.nl@gmail.com)

## About me

- Total 4 years work experience
- A versatile Biotechnology post graduate with specialization in plants
- Recognized for smart handling of instruments and accuracy in measurement

## Skills



## Objective

Learn new things every day and simultaneously add value to the organization. Seeking long term growth in a position where I can utilize my extensive expertise for mutual growth.

## Experience

- 2021-2022

*MedGenome Labs Limited*

Full Time
- Currently responsible for the followings:
- Performing NGS based wet lab process for PGT and NIPT from isolation to setting up of the sequence run
  - Handling of NextSeq and MiSeq
  - Handling of Hamilton for NIPT samples processing
  - PGT-M through NGS and Sanger based technique
  - Data analysis using bluefuse multi
  - Validation of new technology
  - Assisting in CAP audit
- 2018-2021

*Biokart India Private Limited, Bangalore*

Full Time
- The responsibilities included:
- Experience in *NGS Library Preparation (Illumina Platform)*
  - Performing entire *Sanger Sequencing* which include *QC of sample, PCR, Purification* (column/gel extraction), Loading Samples into the sequencer, *Gel Electrophoresis, Sequence Analysis*
  - *DNA & RNA extraction* from various samples including human ones
  - SOPs manual preparation and Data/Report submission to the clients
  - Preparation of *PCR purification kit* and *DNA extraction kit*
  - Query resolution & reaching out to clients for specific requirements
- 2017-2018

*Banaras Hindu University*

Project
- Did morphological and biochemical characterization of cellulolytic enzyme by *Aspergillus niger* from humus of paddy field
  - Collected various *morphological readings* and examined *cellulase activity* of cellulolytic enzyme by *Aspergillus niger* at various temperature, incubation period and nitrogen sources.
- ## Education
- 2016-2018

Masters

Banaras Hindu University

Completed Master of Science degree in Biotechnology with overall GPA of 8.05

2013-2016

Bachelors

Patna Science Collage

Completed Bachelors of Science degree in Biotechnology with distinction

2010-2012

Senior Secondary

DAV Public School

Obtained 75% with Physics, Chemistry, Biology, English and Physical Education
- ## Other Information
- Proficient in English, Hindi and Maithili
  - Avid supporter of environmental conservation
  - An excellent cook and love cooking